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ABSTRACT

PURPOSE: To correct inclined distortion before storing a picture in a picture memory, by reading optically the picture, storing it temporarily in a buffer memory, and correcting the contents of the buffer memory basing on the corrected value corresponding to a read position error.

CONSTITUTION: When correcting and reading out the picture data of an inclined distortion from a buffer memory, it can be executed by designating a read-out use address quantity so as to be inclined by an error portion. For instance, in case the number of read elements of a CCD sensor and the setting error correspond to 2048-bit and 4-bit, respectively, it will do that 1-bit is shifted to the next line at every $2048/4=512$ -bit. The first Y address shift counter 9 is constituted of a counter which is reset whenever an X address use clock is (n)-bit, for instance, 2048-bit, has a storage area for storing a corrected value (512 in this example) as a set value, and outputs one pulse whenever the clock is 512-bit. This one pulse attains to a Y address shift pulse, and it is inputted to the next second Y address counter 10.